

Sheet1

Acrylic

Design (mm)	
1	0.5
2	0.5
3	0.5
Average 0.5mm cut error	
4	1
5	1
6	1
Average 1 cut	
Average 1mm cut error	
7	2
8	2
9	2
Average 2 cut	
Average 2mm cut error	
10	4
11	4
12	4
Average 4 cut	
Average 4mm cut error	
13	8
14	8
15	8
Average 8 cut	
Average 8mm cut error	

MDF

Design (mm)	
1	0.5
2	0.5
3	0.5
Average 0.5 cut	
4	1
5	1
6	1
Average 1 cut	
Average 1mm cut error	
7	2
8	2
9	2
Average 2 cut	
Average 2mm cut error	

Sheet1

	10	4
	11	4
	12	4
	Average 4 cut	
	Average 4mm cut error	
	13	8
	14	8
	15	8
	Average 8 cut	
	Average 8mm cut error	

Average error for

TestTile

	Acrylic	MDF
N (10.26)	9.87	9.9
E (10.26)	9.9	9.94
S (10.3)	9.93	10.02
W (10.3)	9.98	9.95

Sheet1

Upper left piece cut		Upper right		Lower right	
top	left	top	left	top	left
broke	broke	broke	broke	broke	broke
broke	broke	broke	broke	broke	broke
broke	broke	broke	broke	broke	broke
<i>broke</i>	<i>broke</i>	<i>broke</i>	<i>broke</i>	<i>broke</i>	<i>broke</i>
broke	broke	broke	0.6	0.75	broke
broke	0.75	broke	0.62	0.82	broke
broke	0.77	broke	0.65	0.88	0.73
<i>broke</i>	<i>0.76</i>	<i>broke</i>	<i>0.6233333333</i>	<i>0.8166666667</i>	<i>broke</i>
<i>broke</i>	<i>0.24</i>	<i>broke</i>	<i>0.3766666667</i>	<i>0.1833333333</i>	<i>broke</i>
1.75	broke	1.66	1.65	1.72	1.68
1.76	1.75	1.65	1.65	1.73	1.72
1.76	1.78	1.67	1.67	1.73	1.75
<i>1.7566666667</i>	<i>1.765</i>	<i>1.66</i>	<i>1.6566666667</i>	<i>1.7266666667</i>	<i>1.7166666667</i>
<i>0.2433333333</i>	<i>0.235</i>	<i>0.34</i>	<i>0.3433333333</i>	<i>0.2733333333</i>	<i>0.2833333333</i>
3.69	3.75	3.52	3.66	3.75	3.72
3.75	3.72	3.52	3.67	3.72	3.75
3.75	3.72	3.6	n/a	3.71	n/a
3.73	3.73	3.5466666667	3.665	3.7266666667	3.735
<i>0.27</i>	<i>0.27</i>	<i>0.4533333333</i>	<i>0.335</i>	<i>0.2733333333</i>	<i>0.265</i>
7.74	7.75	7.55	7.67	7.73	7.76
7.76	7.8	7.57	7.66	7.78	7.75
7.71	n/a	7.57	n/a	7.76	n/a
<i>7.7366666667</i>	<i>7.775</i>	<i>7.5633333333</i>	<i>7.665</i>	<i>7.7566666667</i>	<i>7.755</i>
<i>0.2633333333</i>	<i>0.225</i>	<i>0.4366666667</i>	<i>0.335</i>	<i>0.2433333333</i>	<i>0.245</i>

Upper left piece cut		Upper right		Lower right	
top	left	top	left	top	left
broke	broke	broke	broke	broke	broke
broke	broke	broke	broke	broke	broke
broke	broke	broke	broke	broke	broke
<i>broke</i>	<i>broke</i>	<i>broke</i>	<i>broke</i>	<i>broke</i>	<i>broke</i>
0.6	0.65	0.55	0.58		
0.6	0.67	0.62	0.59		
0.63	0.68	0.6	0.62		
<i>0.61</i>	<i>0.6666666667</i>	<i>0.59</i>	<i>0.5966666667</i>		
<i>0.39</i>	<i>0.3333333333</i>	<i>0.41</i>	<i>0.4033333333</i>		
1.62	1.69	1.67	1.6		
1.61	1.67	1.66	1.66		
1.62	1.67	1.65	1.62		
<i>1.6166666667</i>	<i>1.6766666667</i>	<i>1.66</i>	<i>1.6266666667</i>		
<i>0.3833333333</i>	<i>0.3233333333</i>	<i>0.34</i>	<i>0.3733333333</i>		

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	3.6	3.67	3.66	3.68
	3.6	3.7	3.71	3.64
	3.6	n/a	3.64	n/a
	3.6	3.685	3.67	3.66
	0.4	0.315	0.33	0.34
	7.67	7.66	7.63	7.71
	7.63	7.68	7.63	7.7
	7.65	n/a	7.61	n/a
	7.65	7.67	7.623333333	7.705
	0.35	0.33	0.376666667	0.295

Upper left piece cut 0.304777778 Upper right 0.365888889 Lower right 0.252380952

Sheet1

lower left

top	left		
broke	broke		
broke	broke		
broke	broke		
<i>broke</i>	<i>broke</i>	<i>Average 0.5mm cut error</i>	<i>cannot cut</i>
0.77	0.82		
0.72	broke		
broke	broke		
0.745	<i>broke</i>		
0.255	<i>broke</i>	<i>Grand average 1mm cut error</i>	0.26375
1.69	1.67		
1.68	1.66		
1.69	1.69		
1.686666667	1.673333333		
0.313333333	0.326666667	<i>Grand average 2mm cut error</i>	0.294791667
3.69	3.67		
3.73	3.67		
3.72	n/a		
3.713333333	3.67		
0.286666667	0.33	<i>Grand average 4mm cut error</i>	0.310416667
7.74	7.67		
7.75	7.68		
7.68	n/a		
7.723333333	7.675		
0.276666667	0.325	<i>Grand average 8mm cut error</i>	0.29375

AVERAGE CUT ERROR FOR ACRYLIC 0.290677083

ver left piece error

top	left		
broke	broke		
broke	broke		
broke	broke		
<i>broke</i>	<i>broke</i>		
0.64	0.55		
0.65	0.63		
0.67	0.62		
0.653333333	0.6		
0.346666667	0.4	<i>Grand average 1mm cut error</i>	0.380555556
1.72	1.65		
1.71	1.63		
1.67	1.65		
1.7	1.643333333		
0.3	0.356666667	<i>Grand average 2mm cut error</i>	0.346111111

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3.7	3.64	
3.72	3.6	
3.72	n/a	
3.713333333	3.62	
0.286666667	0.38	Grand average 4mm cut error 0.341944444
7.7	7.6	
7.75	7.62	
7.77	n/a	
7.74	7.61	
0.26	0.39	Grand average 8mm cut error 0.333611111

lower left 0.32702381 **AVERAGE CUT ERROR FOR MDF 0.350555556**